

STATE OF CALIFORNIA CALIFORNIA INTEGRATED WASTE MANAGEMENT BOARD

Base Year Modification Request Certification
Part 1: Generation Study - No Extrapolation Diversion Data

To request a substitution for a previously approved base-year used in calculating the diversion rate for your jurisdiction, please complete and sign this form and return it to your Office of Local Assistance (OLA) representative at the address below, along with any additional information requested by OLA staff. When all documentation has been received, your OLA representative will work with you to prepare for your appearance before the Board. If you have any questions about this process, please call (916) 341-6199 to be connected to your OLA representative.

Mail completed documents to:

California Integrated Waste Management Board
Office of Local Assistance
 1001 I Street, 9th Floor
 PO Box 4025
 Sacramento, CA 95812-4025

General Instructions:

Please select the **ONE** choice below that best explains your request to the Board.
 1. Use a recent generation-based study to calculate our current reporting-year generation amount, but not officially change our existing Board-approved base year.
 2. Use a recent generation-based study to officially change our existing Board-approved base year to a new base year.
 The shaded cells on these sheets are protected. If you have problems using these sheets, please contact your Office of Local Assistance representative.

Section I: Jurisdiction Information and Certification			
<i>All respondents must complete this section.</i>			
I certify under penalty of perjury that the information in this document is true and correct to the best of my knowledge, and that I am authorized to make this certification on behalf of:			
Jurisdiction Name City of Duarte		County Los Angeles	
Authorized Signature		Title Assistant City Manager	
Type/Print Name of Person Signing	Date	Phone () Include Area Code	
Person Completing This Form (please print or type)		Title	
Affiliation:			
Mailing Address	City	State	ZIP Code
	Duarte	CA	
E-mail address			

Section II: Information for New Generation-Based Study for Existing or New Base Year
Attach additional sheets if necessary— reference each response to the appropriate cell number (e.g., 4).
Note: New base years must be representative of a jurisdiction's disposal and diversion.

1. Current Board-approved existing base-year:	2. Proposed new generation-based study year:
1990	1998

3. Explain how the proposed generation study year is representative of average annual jurisdiction disposal and diversion:

City performed a waste generation study to identify diversion quantity for residential and non-residential sectors. Disposal tonnage was obtained from DRS and corrected for errors. Disposal tonnage after correction was consistent with prior years.

4. Enter your diversion rates below.

Diversion rate calculated using existing base year	a. -39 %	Diversion rate calculated using new generation-based study	b. 25 %
For existing base year pounds/person/day based on generation	6.3	For new generation based study pounds/person/day based on generation	12.3
Residential generation 56 %	Non-Residential Generation 44 %	Residential generation 22% %	Non-Residential generation 78% %
Population existing generation-based study 20716		Population new generation-based study 22500	

5. If there is an increase between 4a and 4b, please explain how the new diversion rate is consistent with your current diversion implementation efforts. If the proposed new generation tonnage results in an increase in your pounds/person/day, please explain how this is consistent with your current diversion implementation efforts and provide any examples, e.g. change in jurisdiction's demographics.

The 1990 initial solid waste study found a disposal rate per capita of 5.3 lbs per day. The generation rate in 1990 was 6.3 lbs per capita per day. Based on more recent measures, generally per capita disposal around the state averages about 9 lbs per capita per day, which is consistent with the per capita daily rate found in the new base year study (8.9 lbs per capita per day). The calculated diversion rate using the 1990 study is inaccurate as both disposal and diversion tonnage was omitted due to data collection problems associated with the 1990 study. The most recently developed diversion rate is consistent with a community that has implemented curbside collection of green waste and mixed recyclables.

6. If the difference between the proposed diversion rates in 4a and 4b is greater than 5 percentage points, please explain the specific reasons for the difference. (For example: new/improved curbside diversion programs.)

The original 1990 base year was inaccurate and under reported both disposal and diversion tonnage. The new base year was developed using an indepth waste auditing procedure among businesses and an accurate tally of haulers' diversion and disposal tonnage, including that provided by the DRS.

7. Disposal Tonnage: (enter values):	6843 Residential	30773 Non-Residential	37616 Total
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Please select the ONE choice below that best explains your disposal data and complete the required tables.

a. All tons claimed are from the Board's Disposal Reporting System (No explanation required. Go to Section 8.)

b. All tons claimed are from a 100 percent audit of hauler and self-haul tonnage. (Please complete Reporting Year Tonnage Request and Modification Certification sheet found at <http://www.ciwrmb.ca.gov/lccentral/forms/rytmdrj.doc>)

c. Some Disposal Reporting System data were corrected. (Please complete Reporting Year Tonnage Modification Request and Certification sheet found at <http://www.ciwrmb.ca.gov/lccentral/forms/rytmdrj.doc>)

8. In the table below, list the summarized diversion activities, and diversion data records that support your claim and are available for Board audit. (Note: The Board expects the jurisdictions to be able to provide all back-up documentation, if requested) include type of record and location—for example, weight tickets from transfer stations. This section should capture all diversion tonnage (form will perform all addition calculations). If any diversion is from restricted wastes, (agricultural wastes, inert solids (e.g., concrete, asphalt, dirt, etc.), white goods, and scrap metal) please identify those programs/waste types and fill out section 10. Please mark as Attachment 8 all copies of survey forms.

*Please provide detailed Non-Residential waste information in Section 9.

*Please provide detailed non-Residential waste audit information in Section 9.

Note: The Board has indicated that it will be scrutinizing total source reduction amounts greater than 5% of total generation. Please be prepared to provide additional details substantiating your claim.

Diversion Activity	Actual tons	Relative Percent to Total Generation	Specific material type(s) (List operation with multiple materials in one box)	Specific conversion factor used (if any) and Source
Residential Activities:				
Source Reduction				
Backyard composting		0.0%		
Grasscycling		0.0%		
Other Residential source reduction (list each program separately)				
Enter program name		0.0%		
Enter program name		0.0%		
Enter program name		0.0%		
Enter program name		0.0%		
Subtotal Residential Source Reduction	0	0.0%		
Recycling				
Curbside Recycling	1188	2.4%	Newspaper, glass, aluminum, plastic	Actual weight from Burretec Waste Services records
Buyback centers	246	0.5%	Glass, plastic, aluminum	Actual weight from DOC records
Drop-off centers				Weight tickets - Burretec Waste Services office
				Weight receipts - DOC / City office

Diversion Activity	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific material type(s) (List operation with multiple materials in one box)	Specific conversion factor used (if any) and Source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ci.wmb.ca.gov/igcentral/parts/foodes/reduce.htm					
Other Residential recycling (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Recycling	1434	2.8%			
Composting					
Green waste drop-off					
Curbside green waste	2704	5.4%	Green waste	Actual weight from Burretec Waste Services records	Weight tickets - Burretec Waste Services office
Christmas Tree program					
Other Residential composting (list each program separately)					
Enter program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Residential Composting	2704	5.4%			
Subtotal Residential Diversion	4138	8.2%			
Non-Residential Activities:					
Source Reduction					
Non-Residential Waste Audits*	606	1.2%			See Section 9
Other non-Residential source reduction (list each program separately)					
Enter Program name					
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Source Reduction	606	1.2%			

Diversion Activity	Actual tons (A)	Relative Percent to Total Generation (A/Total Generation)	Specific material type(s) (List operation with multiple materials in one box)	Specific conversion factor used (if any) and source	Type of record and location of record
Please use the Board's program types. The program type glossary is online at: http://www.ciwrmb.ca.gov/lacentral/pafis/codes/Reduce.htm					
Recycling					
Non-Residential Waste Audits*	1469	2.9%		See Section 9	See Section 9
Other non-Residential recycling (list each program separately)					
Recycling by Franchise Hauler	1441	2.9%	Newspaper, glass, aluminum, and plastic	Actual weight from Burtec Waste Services records	Weight tickets - Burtec Waste Services office
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Recycling	2910	5.8%			
Composting					
Non-Residential Waste Audits*	1118	2.2%		See Section 9	See Section 9
Other non-Residential composting (list each program separately)					
Commercial on-site greenwaste collection	56	0.1%	Green waste	Actual weight from Burtec Waste Services records	Weight tickets - Burtec Waste Services office
Enter program name					
Enter program name					
Enter program name					
Subtotal Non-Residential Composting	1174	2.3%			
Subtotal Non-Residential Diversion Residential/Non-Residential Diversion Activities	4690	9.3%			
ADC	1008	2.0%	Green waste	Actual weight from landfill records	Weight tickets - Los Angeles County Sanitation District - LACSD office
Sludge					
Scrap metal					
Construction and demolition					
Landfill salvage	3001	5.9%	Inerts	Actual weight or measurement from recycling facilities records	Weight tickets - Los Angeles County Sanitation District - LACSD office and other facilities.
Subtotal Residential/Non-Residential diversion	4009	7.9%			
Total Res/Non-Res Source Reduction Tons	606	1.2%			
Total Diversion Tons	12837	25.4%			
Total Disposal Tons from Sec.7	37616	74.6%			
Total Generation Tons (Div+Dis)	50453				
Diversion Rate	25%				

9. Specific Non-Residential Sector Waste Audits-Top 10 Non-Residential Generators

Please complete this table for the top 10 non-residential generators that were surveyed. List each non-residential generator separately from largest to smallest, based on total diversion tons. Audit reference number ties to your audit sheets.

(Form will perform all addition calculations)

Please provide an attachment 9 which includes all of the generators surveyed. Include for each generator (use type of generator in lieu of specific business name) diversion activity and material type and associated tonnage for each diversion activity/material type, and applicable conversion factors/sources. Include copies of survey form(s) used.

Type of Non-residential Generator	Audit Reference Number	Specific/Major Diversion Activities (e.g. paper recycling, grasscycling). (List activities on one line)	Source Reduction Tons	Recycling Tons	Composting Tons	Total Diversion Tons	Percent of Total Generation (Total Diversion Tons/Total Generation in Section 8)	Survey Method Phone (P) Mail (M) On-site (O) Other _____	
Stable	3	Horse manure composting			977	976.56	1.9%	O	
Grocery market	4	OCC recycling, plastic bag recycling, office paper recycling, meat, fat, and bone rendering, organic waste composting, and toner cartridge return.	0.01	309.4	124	433.41	0.9%	O	
City Parks	1	Grasscycling and tree limb mulching and composting.	304.4		17	321.78	0.6%	P	
Retail trade - general merchandise store	6	OCC recycling, Mixed damaged products donation.	1.37	249.9		251.27	0.5%	O	
Retail trade-general merchandise store	7	OCC recycling, grease rendering, OCC reuse, and donations.	58.78	158.6		217.38	0.4%	O	
Golf Course	5	Grasscycling	190.25			190.25	0.4%	P	
Paper wholesaler	8	Mixed paper recycling.	124.8			124.8	0.2%	P	
Retail - food store	10	OCC recycling, bones, fat, and meat scrap rendering, and left over food donations.	0.1	75.66		75.76	0.2%	O	
Manufacturer - Transportation Equipment	15	OCC recycling, office paper recycling, donations, toner cartridge return, and pallet reuse.	0.45	66.4		66.85	0.1%		
Body Shop	18	OCC recycling, plastic parts recycling, and toner cartridge return.	0.32	58.6		58.92	0.1%		
Totals							2716.98	5.4%	

Summarize the non-residential diversion activities for the top 10 generators quantification methodology, and applicable conversion factors and sources. (e.g. Cardboard recycling: quantified by monthly tonnage receipts provided by the contact person at the business)

OCC Recycling Businesses 4, 6, 7, 10, 15, and 18

Businesses 4, 7, and 10 multiplied the number of bales that the businesses recycle each day or each week by 500 lbs/bale. Business 6 had larger bales than normal. The number of bales recycled per day was multiplied by 700 lbs/bale. Business 15 recycling amount is based on the standard weight of cardboard recycled per month. Business 18 recycling amount is based on the average weight of cardboard recycled each week.

Plastic Bag Recycling Business 4

Business 4 confirmed that they recycle an average of 4.5 lbs of plastic bags per day.

Office Paper Recycling Business 4 and 15

Business 4 and 15 were able to provide the amount of weight of office paper recycled each year from company records.

Mixed Paper Recycling Business 8

Business 8 recycles six 800 lb bins each week.

Plastic Parts Recycling Business 18

Business 18 gave an estimate of 300 lbs of plastic parts recycled per week.

Horse Manure Composting Business 3

Business 3 Recycles one full 30 cubic yard bin each week of horse manure @ 1,252 lbs/cubic yard

Organic Waste Composting Business 4

Business 4 used weight tickets from organic waste to composting to provide the amount of waste diverted.

Tree limb mulching and composting Business 1

Business 1 obtained the diversion amount from contracted tree trimmer's records.

Rendering Businesses 4, 7, and 10

Businesses 4 and 10 provided the number of 55 gallon containers recycled each week and used a conversion factor of 410 lbs/55 gallons. Business 7 provided the number of 50 lb containers recycled each week.

Toner Cartridge Return Businesses 4, 15, and 18

Businesses 4, 15, and 18 provided the number of toner cartridges returned per month or year and used a conversion factor of 1 lb/cartridge for businesses 4 and 18 and 2 lbs/cartridge for business 15.

Grasscycling Businesses 1 and 5

Businesses 1 and 5 provided the total number of acres that are grasscycled and used a conversion factor of 7.61 tons/acre/year to estimate the total diversion.

Donations Businesses 6, 7, 10, and 15

Business 6 donation amount is based on an average of 7.5 lbs of mixed damaged products donated per day.

Business 7 gave the average number of loads of damaged goods donated each week and estimated 750 lbs/load.

Business 10 provided the City with the average amount of left over donated per year.

Business 15 provided the average number of desks donated per year and used a conversion factor of 65 lbs per desk.

OCC Reuse Business 7

Business 7 provided the average number of medium boxes reused each year and used a conversion factor of 2.2 lbs/medium box.

Pallet Reuse Business 15

Business 15 provided the City with the number of pallets reused per year. The City used a conversion factor of 40 lbs per pallet.

10. For each restricted waste type [i.e., agricultural waste, inert solids, (e.g. concrete, asphalt, dirt, etc.) scrap metals and white goods (PRC Section 41781.2)] and associated program, please provide the following information:

a. If the diversion program started on or after January 1, 1990, complete the following table.

(Note: program name refers to one specific diversion program for that waste type; (e.g., diversion conducted by City Public Waste Dept).

Restricted Waste Type	Specific Program name	Year started	Tonnage
Inert Solids	▼ Landfill salvage	1992	3001
Scrap Metal	▼ Scrap metal recycling - Waste audit ref. # 16	1992	30
Scrap Metal	▼ Scrap metal recycling - Waste audit ref. # 26	1992	3
Scrap Metal	▼ Scrap metal recycling - Waste audit ref. # 32	1994	1
Scrap Metal	▼ Scrap metal recycling - Waste audit ref. # 38	1994	1
Pull Down for Waste Types	▼		

b. If the diversion program started before January 1, 1990, on a separate sheet, marked attachment 10b, provide the following documentation: (Note: If documentation for a waste type and program has already been approved by the Board, you do not have to provide an attachment 10b for that waste type and program.

Instead please provide date of Board approval of preciously submitted information. _____ (Date)

If documentation is not available, go to 10d.

- How the diversion was the result of a local action taken by the jurisdiction, which specifically resulted in the diversion [PRC Sec. 41781.2 (c) (1)].
- That the amount of that waste type diverted from the jurisdiction in 1990 was less than or equal to the amount of that waste type disposed at a permitted disposal facility by the jurisdiction in any year before 1990. (Note: this criterion is applicable to the entire jurisdiction, not to individual programs [PRC Sec. 41781.2 (c) (2)]). Please include documentation.
- The jurisdiction is implementing, and will continue to implement, the diversion programs in its Source Reduction and Recycling Element.

c. If the diversion program started before January 1, 1990, and the documentation requested in 10b is available (but not yet approved by the Board), complete the table below for each program claimed:

Restricted Waste Type	Specific Program Name	New base year or reporting year diversion tonnage
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	
Pull Down for Waste Types	▼	

d. If the diversion program started before January 1, 1990, and the documentation requested in 10b is not available, please complete the table below for each program claimed. (Note: Only the difference between the new base year/reporting year and 1990 can be counted in the diversion rate calculation.)

Restricted Waste Type	Specific Program name	New base year or reporting year tonnage	1990 diversion tonnage	Difference
Scrap Metal	▼ Scrap metal recycling - waste audit #13	0.8	0.19	0.61
Scrap Metal	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			
Pull Down for Waste Types	▼			

Attachment 9 - Business Audit Diversion for the City of Duarte

Note: Any staff recommended changes to conversion factors are not reflected in this spreadsheet. The only changes included are staff recommended changes to diversion tonnages. For changes to conversion factors or diversion quantification methodologies please refer to Attachment 3 of the Board Agenda Item.

Reference Number	Business Type	Diversion Activity	Material Type	Conversion Factor and Source	Tons
1	City parks	Grasscycling Recycling	Grass Wood (Large limbs)	71 acres cultivated @ 7.61 tons/acre per CIWMB study 636 cu yards @ 1,080 lbs/cu yard per Tellus	304.4 540.34 17.38 343.44
2	Medical service complex	Reuse Reuse Grasscycling Composting Composting Recycling	OCC Wood (Pallets) Grass Yard waste (Grass and leaves) OCC	1,000 small OCC boxes/year @ 1.1 lbs/small OCC box per USEPA 130 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA 9.41 acres cultivated @ 7.61 tons/acre per CIWMB study 40 cu yard container picked up 8 times/year @ 108 lbs/cu yard per USEPA 2 tons per day to local recyclers (Dalton & others), actual weight	0.55 0.00 2.60 0.00 -74.64 0.00 -17.28 28.00 730.00
3	Stable	Recycling	Horse manure	40 cu yard bin emptied 24 times/year @ 1,252 lbs/cu yard per Tellus	976.56 -690.96
4	Grocery market	Recycling Composting Recycling Recycling Donation Donation Reuse Reuse Recycling Rendering	OCC Produce organic waste Toner cartridges Plastic bags Food discards (Bakery) Food discards (Bananas) Wood (Pallets) Plastic (Pallets) Office paper Bones, meat scraps, fat	468 bales/year @ 1000 lbs/bale, actual weight Actual weight per weight tickets 12 laser cartridges/year @ 1 lb/cartridge, actual weight 0.5 lb/recycling container/day, actual weight 32 lbs/load/day, actual weight 500 lbs/week, actual weight 38 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA 112 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA 5,200 lbs/year, actual weight 410 lbs/55 gallons from U.S. EPA	274.00 -234.00 124.00 0.01 0.82 0.90 0.00 -5.84 0.00 43.00 0.00 0.00 -0.76 0.00 2.24 31.98 0.00
5	Golf course	Grasscycling	Grass	49 acres cultivated @ 7.61 tons/acre per CIWMB study	190.25 -372.89

6	Retail trade - general merchandise store	Recycling	OCC	520 bales/year @ 1,200 lbs/bale, actual weight	249.90	342.00
		Reuse	Wood (Pallets)	438 pallets, each counted only once (376 pallets in delivery system, 62 pallets used internally) @ 40 lbs/pallet per USEPA	0.00	8.76
		Donation	Mixed damaged products	7.5 lbs/day, actual weight		1.37
7	Retail trade - general merchandise store	Reuse	Wood (Pallets)	370 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	0.00	7.40
		Recycling	OCC	520 bales/year @ 900 lbs per bale, actual weight	156.00	234.00
		Recycling	Grease	2 containers/week @ 50 lbs/container, actual weight		2.60
		Recycling	Cans & bottles	3 lbs/recycling container emptied 8 times/year, actual weight	0.00	-0.04
		Reuse	OCC	250 medium OCC boxes/year @ 2.2 lbs/medium OCC box, per USEPA		0.28
		Donation	Green salvage	3 times per week @ 750 lbs/load, actual weight		58.50
		Recycling - sent back to manufacturer	Broken clay pots	2% of total shipments, actual weight	0.00	4.06
		Recycling - sent back to manufacturer	Broken concrete from green garden store	590 items/year @ 17.5 lbs per broken concrete item, actual weight	0.00	5.16
8	Paper wholesaler	Recycling	Mixed paper	6 bins/week @ 1000 lbs/bin, actual weight	124.00	456.00
		Recycling	Plastic (Cores)	2,184 cores/year @ 3 lbs/core, actual weight	0.00	3.28
		Reuse	Wood (Pallets)	100 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	0.00	2.00
9	Manufacturer - industrial machinery	Recycling	Scrap metal	156 tons, actual weight minus 20 tons (1990 tonnage)	0.00	436.00
		Reuse	OCC	20 medium boxes/week @ 2.2 lbs/medium OCC box per USEPA		1.14
		Reuse	Wood (Pallets)	60 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	0.00	4.20
		Recycling	OCC	2000 units/month @ 2 lbs each, recycled		24.00
10	Retail - food store	Recycling	Fat & bones rendering	1,200 lbs/month, actual weight	10.66	7.20
		Recycling	OCC & mixed grades	4,000 lbs/week, actual weight	65.00	404.00
		Donation	Food (Leftover)	200 lbs/year, actual weight		0.10
		Recycling	Wood (Pallets)	20 pallets/week @ 40 lbs/pallet per USEPA	0.00	-0.80

11	Retail - general merchandise store	Recycling	OCC	156 bales/year @ 1,400 lbs/bale, actual weight	109.20
		Recycling	Toner cartridge	2 laser cartridges/day @ 2.3 lbs/cartridge, actual weight	0.84
		Recycling	Paper (Catalogs)	800 catalogs/year @ 0.5 lbs/catalog, actual weight	0.20
		Reuse	Wood (Pallets)	30 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	0.60
12	Manufacture - swimming pool brush	Recycling	Plastic shavings	2 pick ups per year @ 750 lbs/load, actual weight	0.75
		Reuse	OCC	330 large OCC boxes/year @ 4 lbs/large OCC box per USEPA	0.66
		Reuse	OCC	1,680 medium OCC boxes/year @ 2.2 lbs/medium OCC box per USEPA	1.85
		Reuse	OCC	400 small OCC boxes/year @ 1.1 lbs/small OCC box per USEPA	0.22
		Reuse	Wood (Pallets)	490 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	9.80
13	Manufacture - hydraulic hose	Recycling	Cans and bottles	1,100 lbs/year, actual weight	0.00
		Recycling	Scrap metal	1,600 lbs, actual weight minus 372.30 lbs (1990 tonnage)	0.61
		Reuse	Wood (Pallets)	300 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	6.00
		Recycling	Wood (Pallets)	20 pallets/year @ 40 lbs/pallet per USEPA	0.40
14	Distributor - apparel	Reuse	Wood (Pallets)	100 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	2.00
		Recycling	Newspaper	67" stack/week @ 35 lbs per 12" stack, USEPA	5.08
		Recycling	OCC	Local recycler (Allan Co.), actual weight	12.00
		Recycling	Mixed paper	Local recycler (Dalton Co.), actual weight	10.80
		Recycling	Wood (Pallets)	200 pallets/year @ 40 lbs/pallet per USEPA	4.00
15	Manufacturer - transportation equipment	Recycling	OCC	10,600 lbs per month, actual weight	63.60
		Reuse	Wood (Pallets)	500 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	10.00
		Reuse	Plastic (Pallets)	40 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	0.80
		Recycling	Office paper	Local recycler, actual weight	2.80
		Donation	Desks	12 desks per year @ 65 lbs/desk, actual weight	0.39
		Recycling	Aluminum cans	375 cans per week @ 0.89 lbs/24 cans per USEPA	0.00
		Recycling	Toner cartridges	60 copier toner cartridges @ 2 lbs/cartridge, actual weight	0.06

16	Retail and services	Recycling	OCC	1,100 lbs/week, actual weight	28.60
		Recycling	Scrap metal	5,000 lbs per load per month, actual weight. This program started in 1992	30.00
		Reuse	Wood (Pallets)	20 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	0.40
		Donation	Chairs	3 chairs/year @ 45 lbs/chair, actual weight	0.07
		Donation	Wood (Executive desks)	2 desks/year @ 246 lbs/desk, actual weight	0.25
17	Distributor - pool supplier	Reuse	Wood (Pallets)	75 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	1.50
18	Body shop	Recycling	Toner cartridges	1 cartridge/month @ 1 lb/cartridge, actual weight	0.01
		Recycling	OCC	1 ton/week, actual weight	52.00
		Recycling	Plastic (Parts)	300 lbs/week, actual weight	7.80
19	Manufacturer	Reuse	Wood (Pallets)	50 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	1.00
		Recycling	Wood (Pallets)	10 pallets/month @ 40 lbs/pallet per USEPA	2.40
20	Retail trade - general merchandise	Recycling	OCC	3 bales/week @ 667 lbs/bale, actual weight	52.03
		Reuse	Wood (Pallets)	150 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	3.00
21	Industrial sales	Recycling	OCC	100 small OCC boxes/month @ 1.1 lb/small OCC box per USEPA	0.66
		Reuse	Wood (Pallets)	100 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	2.00
		Recycling	Aluminum cans	39 gallon recycling drum/month @ 6.63 lbs/ 39 gallons, uncrushed per USEPA	0.00 -1.55
22	Retail - auto store	Recycling	OCC	150 small OCC boxes/week @ 1.1 lbs/small OCC box per USEPA	4.29
23	Manufacturer - transportation equipment	Recycling	OCC	450 medium OCC boxes/week @ 2.2 lbs/medium OCC box per USEPA	25.74
		Recycling	Wood (Pallets)	25 pallets/month @ 40 lbs/pallet per USEPA	6.00
		Donation	Desks & chairs (sets)	20 sets @ 300 lbs/set, actual weight	3.00
		Recycling	Tdner cartridges	240 cartridges/year @ 1.5 lbs/cartridge, actual weight	0.18

24	Food distributor	Recycling	OCC	100 medium OCC boxes/month @ 2.2 lbs/medium OCC, USEPA		1.32
		Reuse	Wood (Pallets)	20 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA		0.40
25	Retail - general merchandise	Recycling	OCC	60 medium OCC boxes/week @ 2.2 lbs/medium OCC box per USEPA		3.43
		Recycling	OCC	10 large OCC boxes/week @ 4 lbs/large OCC box per USEPA		1.04
		Reuse	Wood (Pallets)	18 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA		0.36
		Reuse	OCC	10 medium OCC boxes/week @ 2.2 lbs/medium OCC box per USEPA		0.57
26	Retail & services - auto	Recycling	Scrap metal	500 lbs/month, actual weight. This program started in 1992		3.00
		Recycling	Aluminum cans	300 cans/week @ 0.89 lbs/24 cans per USEPA		0.29
		Recycling	Toner cartridges	12 cartridges/year @ 2 lbs/cartridge, actual weight		0.01
		Recycling	Tires	24 tires/week @ 20 lbs/tire per USEPA		12.48
27	Auto services	Recycling	Tires	75 tires/2 weeks @ 20 lbs/tire per USEPA		19.50
		Reuse	Wood (Pallets)	2 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA		0.04
28	Hotel	Recycling	OCC	5 medium OCC boxes/day @ 2.2 lbs/medium OCC box per USEPA		2.01
		Donation	Televisions	50 televisions/year @ 40 lbs/television, actual weight		0.00
		Recycling	Aluminum cans	30 cans/day @ 0.89 lbs/24 cans per USEPA		0.00
		Recycling	Newspaper	11.6" stack/week @ 35 lbs/12" stack, USEPA		0.88
		Recycling	Phone books	12 phone books/year @ 4 lbs/phone book per USEPA		0.02
29	Retail - hardware	Reuse	Wood (Pallets)	16 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA		0.32
		Reuse	Plastic (Pallets)	6 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA		0.12
		Recycling	OCC	5 medium OCC boxes/week @ 2.2 lbs/medium OCC box per USEPA		0.29
		Recycling	Aluminum cans	5 lbs/week, actual weight		0.00
30	Manufacturer pool supplies	Reuse	Wood (Pallets)	10 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA		0.20
		Reuse	OCC	30 large OCC boxes/month @ 4 lbs/large OCC box per USEPA		0.72

		Recycling	Rubber mixture	20% of total rubber mixture used, actual weight	2.40
31	Food distributor	Reuse	Wood (Pallets)	6 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	0.12
32	Retail & services - auto	Recycling	Scrap metal	1 lb/day, actual weight. This program started in 1994	1.18
		Recycling	OCC	90 medium OCC boxes/week @ 2.2 lbs/medium OCC box per USEPA	5.15
33	Retail - food store	Reuse	Wood (Pallets)	8 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	0.16
		Donation	Food	2 loads/year @ 30 lbs/load, actual weight	0.03
		Recycling	Fat & bones (rendering)	22.5 lbs/week, actual weight	0.59
		Recycling	OCC	18 bales/year @ 900 lbs/bale, actual weight	8.10
34	Manufacturer - electronics	Reuse	Wood (Pallets)	6 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	0.12
		Recycling	OCC	50 lbs/week, actual weight	1.30
35	Restaurant	Recycling	Grease	7,800 lbs/year, actual weight	3.90
		Recycling	OCC	53 medium OCC boxes/week @ 2.2 lbs/medium OCC box per USEPA	3.03
36	Restaurant	Recycling	Toner cartridges	4 cartridges/year @ 2.5 lbs/cartridge per USEPA	0.01
37	Restaurant	Recycling	Grease	15 gallons/month @ 7.45 lbs/gallon per USEPA	0.67
		Recycling	OCC	10 small OCC boxes/day @ 1.1 lbs/small OCC box per USEPA	2.01
		Reuse	Food	4 lbs/day, actual weight	0.73
		Reuse	Wood (Pallets)	2 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	0.04
38	Manufacturer - industrial machinery	Recycling	Scrap metal	1,500 lbs per year, actual weight. This program started in 1994	0.90
		Recycling	Ledger paper	20 reams/year @ 5 lbs/ream per USEPA	0.05
		Reuse	Wood (Pallets)	50 pallets in delivery system, each counted only once @ 40 lbs/pallet per USEPA	1.00
		Recycling	Wood (Pallets)	100 pallets/year @ 40 lbs/pallet per USEPA	2.00
39	Restaurant	Recycling	Paper	150 lbs/month, actual weight	0.90
		Recycling	Plastic	50 lbs/month, actual weight	0.30
		Recycling	Glass	300 lbs/month, actual weight	1.80

Board Meeting
 May 14-15, 2002

Agenda Item
 Attachment 2b

40	Manufacturer - electronics	Reuse	OCC	15 medium OCC boxes/week @ 2.2 lbs/medium OCC box per USEPA	0.86
41	Convenience store	Recycling	Newspaper	20 boxes/week @ 1 lb/box, actual weight	0.52

Total Business Diversion 3,193.07 4,682.13